



THE COMMONWEALTH OF MASSACHUSETTS
WATER RESOURCES COMMISSION

INTERBASIN TRANSFER ACT – Request for Determination of Insignificance

For Official Use Only

Date Received _____

Project Number _____

Recommendation _____

Decision _____

1. SUMMARY SHEET

A. Project Information

Project Name			
Location			
Project Proponent		Phone/Email	
Address			
Submitted by		Phone/Email	
Address			

B. Describe the Proposed Project

C. Has this project been filed under the Massachusetts Environmental Protection Act (MEPA)?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
If Yes, EOEA Number			
EOEA Action and Date			

D. List of the local, State, or Federal agencies/commission from which permits have been obtained or will be sought.

Agency Name	Type of Permit	Project Number

2. DESCRIPTION OF THE PROPOSED INTERBASIN TRANSFER

A. Describe the approximate timetable for the proposed action. Include the estimated commencement date and the estimated completion date.

B. Describe the purpose for which the water/wastewater is to be transferred.

C. Provide a map or maps (at an appropriate scale) illustrating in detail, the following information (D through G).

D. Describe precisely the name and the exact location of the source(s) of the proposed transfer of water/wastewater.

E. Will the water/wastewater be transferred from a basin or subbasin designated as “stressed”? Refer to the Water Resources Commission report Stressed Basins in Massachusetts Dec 2001.

F. List the communities, sections of communities, water districts, or other areas that will use the water proposed to be transferred or benefit from the proposed wastewater transfer.

G. Describe precisely the location of the wastewater discharge point (for both water supply and wastewater transfers).

H.

	Yes	No
Will the proposed increase in Interbasin Transfer be temporary?	<input type="checkbox"/>	<input type="checkbox"/>
If yes, will it be used:	<input type="checkbox"/>	<input type="checkbox"/>
(1) to facilitate the construction, maintenance or repair of a public facility?	<input type="checkbox"/>	<input type="checkbox"/>
(2) for flood control purposes?	<input type="checkbox"/>	<input type="checkbox"/>
(3) for public safety purposes?	<input type="checkbox"/>	<input type="checkbox"/>
(4) for another similar purpose not related to water supply use?	<input type="checkbox"/>	<input type="checkbox"/>

Explanation:

I. State below the volume increase in the Interbasin Transfer of water/wastewater that will result from the proposed action:

1. In millions of gallons per day (mgd) on an annualized basis:	
2. In terms of gallons per minute:	
3. In terms of maximum daily transfer:	

Describe how this increase was determined.

J. Describe the operating schedule of the proposed transfer of water/wastewater.

3. IMPACT ON THE INSTREAM FLOW OF THE DONOR BASIN

Describe the impact of the proposed interbasin transfer on the streamflow of the donor basin.

313 CMR 4.04(4), Criteria for Determining Insignificance, (c) of the Interbasin Transfer regulations, requires that the additional flow to be withdrawn is in all cases less than five percent (5%) of the instantaneous flow as measured at an appropriate point of the donor river or tributary thereto.

A. Prepare and enclose the 1964-to-date hydrograph of daily flow at the nearest USGS gage with superimposition thereon of the reduced flow that would occur as a result of the proposed interbasin transfer. (Should be simulated if USGS records are not available for that period.)

B. Provide a table based on the hydrograph required in 3.A. showing the historic daily flows and the percentage of flow that would have been reduced, had the interbasin transfer been in operation.

C. Describe the impact of the proposed transfer on the magnitude of instantaneous (daily) flow and the periods and frequency when the flow would be reduced by greater than 5%.

D. Provide the 99% exceedance flow at an appropriate point on the donor river.

313 CMR 4.04(4), Criteria for Determining Insignificance, (d) of the Interbasin Transfer regulations, requires that the ninety-five percent (95%) exceedance flow, or the 7Q10 flow when relied upon in a program of pollution abatement, will not be diminished.

E. Provide the 95% exceedance flow as measured at an appropriate point of the donor river.

F. If applicable, provide the 7Q10 flow for any downstream permitted discharges. Provide the name and location of the discharges and provide this information on a map.

G. Describe any proposed flow augmentation provisions, flow protection thresholds, mitigation measures or other measures proposed to protect instream flow.

H. For transfers of water, what is the drainage area of the watershed of the proposed source?

I. For a wastewater transfer, the following information must also be provided:

1. State reasons why in-basin disposal is not feasible. Include a copy of the Department of Environmental Protection (DEP)-approved facilities plan which evaluates potential in-basin sources of disposal including Title 5, groundwater and surface water discharge.

2. Delineate on a map

a. the areas to be seweraged

or

b. the areas where the capacity of an existing sewer is proposed to be enlarged and the service area of the existing facility

3. Discuss the feasibility of implementing DEP's wastewater reuse policy.

J.

Will the proposed action have an impact on the following special resource values in the donor basin:	Yes	No
1. Endangered species of plants and animals (prior consultation with the Department of Fisheries, Wildlife, and Environmental Law Enforcement (DFWELE) Division of Fisheries and Wildlife (DFW)	<input type="checkbox"/>	<input type="checkbox"/>

Natural Heritage and Endangered Species program is advised)			
Explanation	Source		
2. Areas of Critical Environmental Concern (ACEC) (prior consultation with the Department of Environmental Management (DEM) ACEC Program is advised)		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		
3. Designated Scenic River (prior consultation with the DEM Scenic Rivers Program is advised)		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		
4. Geographic areas (e.g. parks, conservation lands) protected by Article 97 of the Amendments to the Massachusetts Constitution		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		
5. Fisheries resources (prior consultation with the DFWELE Division of Fisheries and Wildlife and Division of Marine Fisheries is advised)		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		
6. Vernal Pools (prior consultation with the DFW Natural Heritage and Endangered Species Program is advised)		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		
7. Lakes, ponds, wetlands or other surface water features		<input type="checkbox"/>	<input type="checkbox"/>
Explanation	Source		

K. Describe the proposed transfer's impact on other authorized water users in the donor basin.

4. IMPACT OF OTHER TRANSFERS ON THE DONOR BASIN

A. List and describe the impact of all past, authorized and other proposed transfers on the streamflow of the donor basin.

B. Describe the cumulative impact that the addition of the proposed transfer, in conjunction with the past, authorized and other proposed transfers, will have on streamflow if the donor basin.

5. ADDITIONAL INFORMATION

Provide any additional information that would be useful to the Commission in reviewing your request (refer to 313 CMR 4.00)

Date	Signature of Responsible Officer	Name (print or type)
Date	Signature of Person Preparing Request (if different than above)	Name (print or type)

Note: Additional pages may be used to complete answers

*Prepared for the Water Resources Commission by the Department of Environmental Management, Office of Water Resources:
December 2002*